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No. 20] NEW DELHI, SATURDAY, MAY 19, 1979 (VAISAKHA 29, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग सफलत के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिसूचनाएँ और नोटिस Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 19th May 1979

CORRIGENDUM

In the Gazette of India Part III-Section 2 dated the 7th May 1977 in page 431 under the heading "Cessation of Patents" delete No. 137878.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

12th April, 1979

360/Cal/70. Minnesota Mining and Manufacturing Company. Double-acting latch for hinged plastic box.

361/Cal/79. A.C.C. Tseung and S. M. Jasem. Gas extraction. (April 14, 1978).

362/Cal/79. Bunker Ramo Corporation. Contact loading apparatus.

363/Cal/79. Licentia Patent-Verwaltungs-G.m.b.H. Measuring device in high-tension plants.

364/Cal/79. Macgregor International S.A. Cover arrangement for a container. (April 24, 1978).

365/Cal/79. Texaco Development Corporation. Gasification of low quality solid fuels.

366/Cal/79. Indian Jute Industries Research Association. Yarn tension measuring device. [Divisional date December 13, 1976].

367/Cal/79. American Home Products Corporation. Process for preparing 1, 4: 3, 6 Dianhydro-D-Glucitol 2-Nitrate. [Divisional date October 18, 1977].

16th April, 1979

368/Cal/79. Alkaloida Vegyeszeti Gyar. Process for the preparation of phenylether compounds.

369/Cal/79. Ciba-Geigy AG. Guanidines, processes for their preparation and pharmaceutical preparations containing such compounds.

370/Cal/79. M. C. Coffman. Style handle

371/Cal/79. Gulf Oil Corporation. Method for combining coal liquefaction and gasification processes.

372/Cal/79. Gulf Oil Corporation. Coal liquefaction process employing fuel from a combined gasifier.

373/Cal/79. Voest-Alpine Aktiengesellschaft. Bit arrangement for a cutting tool.

374/Cal/79. Prerovske Strojirny, Narodni Podnik. Arrangement for preheating and partial calcination of granular and lump material.

375/Cal/79. The Babcock & Wilcox Company. Forming die and process for tubular fittings.

17th April, 1979

376/Cal/79. The B.F. Goodrich Company. Suspension polymerization process for producing polymers of vinyl and vinylidene halides and copolymers thereof.

377/Cal/79. Fritz Buser AG. Maschinenfabrik. Wiper device for a screen printing machine.

378/Cal/79. Bunker Ramo Corporation. Crimped stranded wire micropierce termination system.

379/Cal/79. Bunker Ramo Corporation. Process and device for connection without baring an insulated, electric conductor.

380/Cal/79. Bechtel International Corporation. Self cleaning manifold connection for slurry pump.

381/Cal/79. Union Carbide Corporation. Exothermic polymerization in a vertical fluid bed reactor system containing cooling means therein and apparatus therefor.

382/Cal/79. Sumitomo Chemical Company, Limited. 1, 4-benzothiazine derivatives and amino thiophenol derivatives, and their production and use.

383/Cal/79. Siemens Aktiengesellschaft. Printer keyboard store control.

384/Cal/79. Licentia Patent-Verwaltungs GMBH. Electrodynamic agitation of molten cores in metal slabs.

18th April, 1979

385/Cal/79. The Babcock & Wilcox Company. Tube forming process.

386/Cal/79. Siemens Aktiengesellschaft. Electrical switch field.

387/Cal/79. Società Italiana Telecommunicazioni Siemens S.p.A. Flat communication path for transmission systems.

388/Cal/79. Stauffer Chemical Company. Synergistic herbicidal compositions.

389/Cal/79. Yu-Yen Yeh. Writing implement.

390/Cal/79. Gulf Oil Corporation. Integrated coal liquefaction-gasification process.

391/Cal/79. Dr. Niloy Kumar Das. A microbial process for extraction of ramic, (*Boehmeria nivea* and *Boehmeria tenacissima*) Fibre.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

30th March, 1979

209/Del/79. Shri J. Vaswani. A point apparatus.

210/Del/79. Dipl. Ing. H. Koster. A collapsible window shade.

211/Del/79. Dipl. Ing. H. Koster. A solar distillator.

212/Del/79. Union Carbide Corporation. n-Paraffin—Iso-paraffin separation process.

213/Del/79. The Standard Oil Company. Technique for forming multi-component oxide complex catalysts.

214/Del/79. Akzona Incorporated. A shaped cellulose article prepared from a solution containing cellulose dissolved in a tertiary amine N-oxide solvent and a process for making the article.

31 March, 1979

215/Del/79. Ernst Mueller KG. Electrostatic powder spraygun.

216/Del/79. Cable Belt Limited. Improvements in and relating to ropes.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

1st March, 1979

65/Bom/79. J. S. Anand. Poly vinyl chloride sheeting with higher reflectivity.

5th March, 1979

66/Bom/79. Philips India Limited. An improved drive system for tuning in frequencies in a radio.

67/Bom/79. Philips India Limited. An improved electro-mechanical transducer.

68/Bom/79. O. P. Finkelstein. Dispenser for web-like material.

7th March, 1979

69/Bom/79. Eagle Flask Private Limited. A cup-cum-stopper for vacuum flasks.

70/Bom/79. Kabelschlepp GmbH. Improvements in supply line support ducting.

8th March, 1979

71/Bom/79. N. R. Joshi. Controlled capacitance flexible flat cable.

9th March, 1979

72/Bom/79. P. D. Sidhwa. Shock absorbers for vehicles.

12th March, 1979

73/Bom/79. M. C. Gandhi. A protective device for heel and elbow.

74/Bom/79. H. G. Patel. Door closers.

13th March, 1979

75/Bom/79. Applied Electronics Limited. An apparatus which disables the subscriber's trunk dialling (STD) FACILITY.

76/Bom/79. S. S. Vaidya. Transducers/actuators for converting an electrical input to an angular or linear mechanical output.

16th March, 1979

77/Bom/79. Hindustan Lever Limited. Purification of sal fat.

19th March, 1979

78/Bom/79. D. D. Mushrif. Cylinder gas indicating device.

20th March, 1979

79/Bom/79. Hindustan Lever Limited. Soap products.
(20th March, 1979).

80/Bom/79. Khadi and Village Industries Commission, Gobar Gas Research and Development Centre. Gas holders for gobar gas and other gas plants wherein combustible gases are formed from fermenting waste products.

21st March, 1979

81/Bom/79. B. G. Patel. Improved sphygmomanometer.

82/Bom/79. Mrs. Kamal Homi Kavarana. A juicer.

22nd March, 1979

83/Bom/79. G. M. Churi. Improvements in or relating to consumer pack of biscuits and similar commodities.

23rd March, 1979

84/Bom/79. Beiersdorf AG. A process to prepare plaster mix for support bandages.

24th March, 1979

85/Bom/79. R. P. Patkar. Fermentor air for aerobic biological treatment.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

2nd April, 1979

54/Mas/79. Nagaraja Industrial Enterprises. An apparatus for applying fluid such as liquid fertilizer, insecticide or the likes beneath soil.

11th April 1979

55/Mas/79. S. Kunchithapadam. Transplanting rice seedlings in wet land.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 129G & 203. 146372.
Int. Cl.-F28f 1/00, B21c 47/06.

A METHOD OF AND AN APPARATUS FOR HELICALLY WINDING A STRIP ON TO A TUBE TO PRODUCE A FINNED TUBE.

Applicant : BALCKE-DURR AKTIENGESELLSCHAFT, OF 4030 RATINGEN, HOMBERGER STR. 2, WEST GERMANY.

Inventor : ALFRED JOEKEL.

Application No. 223/Bom/76 filed July 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

A method of helically winding a strip into a tube to produce a finned tube, wherein the tube is rotated and the strip is subjected to cold deformation and adapted to the tube radius, the strip being held at right angles to the tube surface and being subjected to tensile stress and to deformation increasing from the base edge to the outer edge in the band plane while being drawn smoothly into the tube, and the tube being provided with at least one flattened track on its peripheral surface prior to winding of the strip.

CLASS 95F & 126A. 146373.
Int. Cl.-B25g 3/00.

INSULATION SLEEVE CUM LINE TESTER ATTACHMENT DEVICE FOR PLIERS.

Applicant & Inventor : CHANDRAKANT KANTILAL ZANGDA, BIHARIBAUG BUILDING, ROOM NO. 41, 3rd BHOIWADA, BHULESHWAR, BOMBAY-400 002, INDIA.

Application No. 355/Bom/76 filed October 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims

An insulation sleeve cum line tester attachment device for pliers comprising insulation sleeve, slidably fitted over the handle of the plier, an earthing strip fitted over the said sleeve being in series with the indicator means, the said indicator means permanently placed over the said sleeve to indicate the existence of the A.C. Voltage for protection to the human body.

CLASS 98-I & 190D.

146374.

Int. Cl.-F24j 3/00.

DEVICE TO CONVERT SOLAR ENERGY INTO MECHANICAL ENERGY.

Applicant & Inventor : ANIL NARAYAN CHARE-GAUNKAR, K-3, SHARADASHRAM, BHAVANI SHANKAR ROAD, DADAR, BOMBAY-400 028, MAHARASHTRA STATE, INDIA.

Application No. 416/Bom/76 filed November 29, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 claims.

Device to convert solar energy into mechanical energy comprising a four walled chamber, the longitudinal side walls of which may as a deviation diverge such that the rectangular area at the top is more than the rectangular area at the bottom; on the top open portion there are provided plurality of strips of metal; there is provided a sliding gate on one narrow end of the said chamber; there being provided a bladed rotor with an extended shaft with a pulley such that when the sun rays fall on the said metallic strip, air in the upper chamber is heated such that a draft of cool air is developed through the opening of the side wall resulting in fast circular movement of the said rotor to rotate the said extended shaft such that the said motive power could be tapped to perform desired function.

CLASS 55E.

146375.

Int. Cl.-A61k 27/06.

A PROCESS FOR PRODUCING A STABLE NON-TOXIC ANTISEPTIC AND ANTIIRRITANT BURNS OINTMENT.

Applicant & Inventor : DR. MAHESH KARSHANJI, OF RANJIT NAGAR, LIG COLONY, BLOCK-I-4, FLAT NO. 1284, OF JAMNAGAR, DISTRICT JAMNAGAR, STATE GUJARAT, INDIA.

Application No. 268/Bom/77 filed September 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims. No drawings.

A process for producing a stable non-toxic antiseptic and antiirritant burns ointment which comprises adding paraffin wax into oil as herein described heated at 140 degree Centigrade temperature and when paraffin wax completely melted and disappeared into oil, then camphor is added into the resulting mixture of said hot oil and paraffin wax at 140 degree Centigrade to 150 degree Centigrade temperature, and when camphor is also melted and disappeared completely into the said resulting mixture then it is removed from the heat and poured into the utensil filled with cold water, and the said resulting mixture turns into the yellowish semisolid ointment, which is further washed in cold water provides a creamy, smooth, stable and nontoxic ointment, wherein the weight ratio of the oil, paraffin wax and camphor is 1 : 1 : 0.01 to 1 : 0.25 : 0.005 respectively.

CLASS 83A.

146376.

Int. Cl.-A21c 11/00.

A PAPAD MAKING MACHINE.

Applicant & Inventor : PANDIT ARJUN SHARMA, NEAR RAILWAY TALAB, SINDHI COLONY, GONDIA-441 601, MAHARASHTRA STATE, INDIA.

Application No. 282/Bom/77 filed September 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims.

A 'PAPAD' making machine comprising four pairs of rollers—three pairs of front pressing rollers and one pair of cutting roller at the end—all being supported on vertical columns, a continuous belt rotatably mounted over the four bottom rollers, oil cans arranged over the three front rollers allowing oil to fall drop by drop over the top rollers, a feeding tray fitted at the front of the machine and a collecting tray at the end to collect scrap scrapped from the said belt by means of a scraper attached to the machine.

CLASS 158A & 196C. 146377.
Int. Cl.-B16d 27/00.

IMPROVED RAILWAY CARRIAGE ROOF VENTILATOR.

Applicant & Inventor : GOVIND DADODA THAKOOR, OF THE ORIENTAL METAL PRESSING WORKS PVT. LTD., 131 WORLI, BOMBAY-400 018, MAHARASHTRA, INDIA.

Application No. 334/Bom/77 filed December 1, 1977.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office, Bombay Branch.

5 Claims.

An improved railway carriage roof ventilator of the kind described wherein the central tube has an upper part and a lower part such that the upper part has a diameter larger than that of the lower part which diameter increasingly varies from bottom to top of said upper part, and is at an inclination and the top portion of the sloping baffle is tapered.

CLASS 72B. 146378.
Int. Cl.-C06b 1/04.

A METHOD OF PREPARING COMPOSITION OF AN EXPLOSIVE BASED ON POWDERED AMMONIUM NITRATE AND A COMPOSITION MADE THEREBY.

Applicant : IDL CHEMICAL LTD., SANATNAGAR (IS.) P.O., HYDERABAD, ANDHRA PRADESH, INDIA.

Inventors : ERODE GANAPATHY MAHADEVAN AND KOTAMRAJU BHUJANGA RAO.

Application No. 70/Mas/76 filed April 20, 1976.

Complete Specification left July 20, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims. No drawings.

A method of preparing a composition of an explosive based on powdered ammonium nitrate comprising the preparation of a mixture the constituents of which are ammonium nitrate, a known sensitisier and a known fuel, the said ammonium nitrate constituent being made into a saturated solution in water and a surface-active coating agent, such as herein described, being added to the solution characterised in that the surface-active coated ammonium nitrate is doped with dichromates or chromates such as potassium dichromate, ammonium dichromate, ammonium chromate to enhance its sensitivity, the crystals of the doped ammonium nitrate obtained on crystallisation thereafter being dried and powdered to the desired size.

CLASS 89 & 107G. 146379.
Int. Cl.-G01f 23/02.

A GAUGE FOR MEASURING LIQUIDS IN SMALL TANKS.

Applicant & Inventor : VASUDAVAN VINAYA BABU, PAZHAVILA, PERINAD, P.O., QUILON-KERALA, INDIA.

Application No. 117/Mas/77 filed July 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A gauge for measuring liquids in tanks, comprising a cylindrical float, a disc with a pointer on its axis, a calibrated dial through the centre of which passes the axis of the said disc, a chain one end of which is attached to the said float, the other end being attached to the periphery of the said disc and the disc being kept under tension by a tension-spring, one end of which is connected to the said disc and the other end to the base of the body of the gauge, the arrangements being such that when the float and the chain move up, the spring-tension rotates the said disc in one direction and when the float and chain move down the said disc rotates in the opposite direction against the tension of the said spring thereby indicating the level of the liquid on the said calibrated dial.

CLASS 146D.. 146380.

Int. Cl.-G01j 3/02.

AN INSTRUMENT TO STUDY THE COURSE OF LIGHT RAYS THROUGH TRANSPARENT BODIES.

Applicant & Inventor : PASUPULETI SAMBASIVA RAO, COLLEGE OF ENGINEERING, ANANTAPUR-515 002, ANDHRA PRADESH, INDIA.

Application No. 151/Mas/77 filed September 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims.

An instrument to study the course of light rays through transparent bodies such as prisms, comprising a calibrated disc, a transparent circular plate with two or more etched parallel lines on either side of its diameter and one or more radial lines marked perpendicular thereto; the said transparent plate being mounted centrally on the vertical axis of the said calibrated disc and two arms capable of being rotated on a horizontal plane, being positioned below the transparent circular plate, a line on each of the said arm being marked centrally along its length, each having mounted vertically on the said marking at least two pins, the lower arm being extended to cover the entire diameter of the calibrated disc.

CLASS 129E. 146381.

Int. Cl.-B21j 1/00.

METHOD AND APPARATUS FOR FORGING SINGLE CRANK THROWS OF SEMI-BUILT UP CRANKSHAFTS.

Applicant : INSTYTUT OBROBKI PLASTYCZNEJ, OF U1, ZAMENHOFA STREET 2/4, 61-120, POZNAN 22, POLAND.

Inventor : TADEUSZ RUT.

Application No. 416/Cal/76 filed March 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method of forging single crank throw elements comprising upsetting a rough piece to form a blank having opposite shoulder portions with a narrowing connection portion, the connection portion narrowing from both shoulder portions to a central narrowest section, placing said blank in a die with said shoulder portions resting on inclined surfaces of the die such that clear spaces are formed between the shoulder portions and the inclined surfaces, applying a force against the narrowing connection portion in a direction perpendicular thereto to deform said connection portion in a direction to fill said clear spaces and concurrently applying upsetting forces on said shoulder portions in a direction perpendicular to the direction of the force applied to said connecting portion.

CLASS 205H.

146382

Int. Cl.-B60c 5/00.

METHOD AND APPARATUS FOR REDUCING TANGENTIAL FORCE VARIATION IN PNEUMATIC TIRES

Applicant : THE GENERAL TIRE & RUBBER COMPANY, OF ONE GENERAL STREET, AKRON, OHIO 44329, UNITED STATES OF AMERICA

Inventors : KENNETH JOHN GORMISH, AND CLARENCE HOFELT, JR.

Application No. 789/Cal/76 filed May 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A method for reducing tangential force variations in a pneumatic tire, which comprises the steps of

- (a) rotating the tire against a predetermined load;
- (b) sensing and measuring the force variations in the tangential direction while the tire is rotating;
- (c) determining the magnitude of the tangential force variations and the location of maximum magnitude of tangential force variations;
- (d) comprising said magnitude to a predetermined level to determine if the tangential force variations are within acceptable limits; and
- (e) grinding rubber from the tire in accordance with the magnitude and the location of maximum magnitude of the tangential force variations if the tangential force variations exceed acceptable limits.

CLASS 136C & 102A

146383

Int. Cl.-B30b 7/00.

PRESSES

Applicant : MORRISON PUMPS S.A. (PROPRIETARY) LIMITED, OF 45 MAIN STREET, JOHANNESBURG, TRANSVAAL, REPUBLIC OF SOUTH AFRICA.

Inventor ANTHONY JOHN MOORE

Application No. 1519/Cal/76 filed August 20, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6 Claims.

A press comprising a cylinder closed at one end, a piston adapted to move in the cylinder towards and out of the other end of the cylinder and having a length less than that of the cylinder, a platten carried by the cylinder, a circumferential flange around the other end of the cylinder and integral with the cylinder, a lid adapted to rest on the other end of the cylinder to close it off, a platten carried by the lid and facing the platten on the cylinder, a circumferential flange on the lid, integral with the lid and registering with the cylinder flange when the lid is closed, and clamping segments movable to sandwich the flanges between them to form a continuous ring around the flanges.

CLASS 33A & F

146384.

Int. Cl.-B22d.

CASTING PLATE STRAPS AND/OR INTERCELL CONNECTORS OF ELECTRIC STORAGE BATTERIES AND A MOULD FOR THE SAME

Applicant : CHLORIDE BATTERIES AUSTRALIA LIMITED, OF 55 BRYANT STREET, PADSTOW NEW SOUTH WALES 2211, AUSTRALIA.

Inventors : BARRY GEORGE EMERTON, WILLIAM WILLIAM ALBERT WEIR AND THOMAS FRASER MCLEAN.

Application No. 1835/Cal/76 filed October 6, 1976

Convention date October 7, 1975/(PC 3472/75) AUSTRALIA

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

34 Claims

A method of forming a plate strap to connect together plates of the same polarity of a lead acid electric storage battery which includes

(a) assembling a group of plates in stacks of alternate polarity with lugs of each polarity in a row,

(b) applying to the lugs of each polarity a mould having a cavity affording an elongated plate strap portion which is closed at the top and has slots in the floor through which the plate lugs project, and a chimney portion upstanding from the plate strap portion to form an upstanding conducting member,

(c) injecting molten metal into the mould under pressure to pressure-die-cast the plate strap, and upstanding conducting member and

(d) removing the mould

CLASS 52B

146385

Int. Cl. D21h 5/16

APPARATUS AND METHOD FOR ELECTRICAL PERFORATING MOVING WEBS

Applicant OLIN CORPORATION, AT P O BOX 200, PIKE FOREST, NORTH CAROLINA, U.S.A.

Inventor : RICHARD HUGO MARTIN

Application No. 1953/Cal/76 filed October 27, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

15 Claims

Apparatus for perforating a moving web of material by electric discharge comprising :

a support means;

b. charged circular electrodes comprising a plurality of thin discs of equal diameter rotatably mounted on said support means and aligned axially in spaced relationship to each other, said discs electrically insulated from each other and from said support means;

c means for rotating said discs on their axis,

d. a narrow ground electrode member mounted on said support means adapted to move at right angles to the direction of rotation of said discs and spaced parallel and in close proximity to the rims of said discs to provide a gap between the rims of said discs and said member;

e means for moving said ground electrode member,

f means for advancing a web through said gap; and

g a pulsed high voltage power source connected to each of said discs providing intermittent charges to said discs and concomitant arcs across the gap between said discs and said ground electrode member, whereby a moving web of material is perforated as it passes through said gap

CLASS 184E_a.

146386

Int. Cl.-H04q 5/00.

HOLDING CIRCUIT IN AN MFC SIGNALLING RECEIVER

Applicant : TELEFONAKTIEBOLAGET L M ERICSSON GI S-12625 STOCKHOLM, SWEDEN.

Inventors : BENGT ROLAND CARLQVIST AND ANDERS GUNNAR ERIKSSON.

Application No. 2273/Cal/76 filed December 28, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims.

Holding circuit in an MFC-signalling receiver for detection of two voice frequencies in a tone signal unsensible to disturbances the receiver of which includes a number of parallel signal paths equal to the number of possible voice frequencies in the incoming tone signal, each signal path consisting of a bandpass filter, a rectifier device and an analogue signal comparator for comparison of the signal obtained from the rectifier device with a reference signal, characterized in a first signal path containing a full wave rectifier connected to one input of a gate circuit the second input of which is connected to a first threshold value in order to produce a reference level in dependence on the value of the incoming signal, a second signal path containing a first comparator circuit and a timing circuit for comparison of the instantaneous value of the incoming signal with said reference level and for producing a signal the level of which is in dependence on the duration of the incoming tone signal, a second comparator circuit for comparison of the level of the signal thus obtained with a second threshold level, the level of the output signal from the timing circuit exceeding the second threshold level implying that the output signal level of the second comparator circuit being changed from a high level chosen greater than the highest level of the incoming signal to a low level a second gate circuit connected to said first and second signal paths to produce said reference signal which consists of the output signal from the two signal paths which has the highest level.

CLASS 69A & E.

146387.

Int. Cl-H01h 1/00, 3/00.

CIRCUIT BREAKER WITH IMPROVED TRIP MEANS HAVING A HIGH RATING SHUNT TRIP.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : WALTER WILLIAM LANG.

Application No. 273/Cal/77 filed February 24, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A circuit breaker including separable contacts, an operating mechanism, a trip coil effecting, when energized, a contact opening operation of the operating mechanism, and a shunt trip device comprising a control circuit with a normally open switch for energizing the trip coil from a voltage source when the normally open switch is closed, characterized in that said control circuit comprises a series circuit which includes said normally open switch and the trip coil and is directly connectable across said voltage source, and said control circuit includes a Zener diode connected to said series circuit in parallel with said trip coil.

CLASS 42A.

146388.

Int. Cl.-B65d 71/02

DEVICE FOR GUIDING AND HOLDING CIGARETTE BATCHES IN APPARATUSES FOR TRANSFERRING SAID BATCHES FROM A CONVEYOR UP TO A MACHINE FOR PACKETING CIGARETTES INTO HINGED-LID TYPE PACKETS.

Applicant : G. D. SOCIETA PER AZIONI, OF VIA POMPONIA, 10-BOLLOGNA, ITALY.

Inventor : SFRAGNOLI ENZO.

Application No. 330/Cal/77 filed March 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims.

Device for guiding and holding cigarette batches in apparatuses for transferring said batches from a conveyor up to a machine for packeting cigarettes into hinged-lid type packets, said packeting machine having a rotating head of the type comprising a plurality of equi-spaced radially disposed compartments, each compartment being bounded by two pairs of stationary plates, the plates of each pair being spaced apart in the direction of the rotating axis or the head at a distance substantially equal to the length of the cigarettes, and the same plates of each pair being spaced apart of a distance to the thickness of said cigarette batch, and by two pairs of pliers shaped movable elements in which the elements of each pair are coplanar and oppositely positioned relative to the stationary plates of the corresponding pair; a first, a second, and a third wall lying—during a dwell of said rotating head—between the pair of stationary plates of one of said radial compartments forming the guiding and holding surfaces for the cigarette batches, the first wall being tangential and radially movable relative to the compartment the second wall being radially positioned inside the compartment and facing said, first movable plate, and the third wall being coplanar with one of the stationary plates of the corresponding pair, characterized in that said second wall comprises a stationary and a movable part said movable part being secured to one end of a lever oscillatable about a shaft parallel to the rotating axis of said head, and passing through an intermediate point of said oscillatable lever; a linking element being pivoted with one end to a projection of the first movable wall, and with the other end to the other end of said lever, for imparting an approaching and removal motion to said movable part and to the upper end of the first movable wall, the upper end of said first movable wall and of said movable part projecting inwardly of said compartment.

CLASS 42A.

146389

Int. Cl.-B65d

STORAGE UNIT FOR COMPENSATING PRODUCTION UNBALANCES BETWEEN CIGARETTE MANUFACTURING MACHINES AND A PACKETING MACHINE, IN A DIRECTLY FED TYPE PLANT FOR MAKING CIGARETTE PACKETS.

Applicant : G. D. SOCIETA PER AZIONI, VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor : SERAGNOLI ENZO.

Application No. 458/Cal/77 filed March 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A storage unit for compensating production unbalance between cigarette manufacturing machines and a packeting machine in a directly fed type plant for making cigarette packets, the said storage unit being of the type having at least one inlet that can be connected, by conveyor means, with the outlet of at least one cigarette manufacturing machine and at least one outlet that can be connected with the inlet hopper of a packeting machine, characterized in that it comprises at least one duct inclined in respect of vertical, and extending between the said inlet and the said outlet; a plurality of variable capacity, superposed chambers, extending in a substantially perpendicular direction to the said duct, and which upper end is in communication with the same duct, being each chamber defined by a pair of superposed movable side walls, substantially perpendicular to the said duct, as well as, on the side opposite to the said duct, by an end wall, connected with the said side walls and movable therewith, whereby to change the capacity of related chamber operating means, connected with every one of the said pairs of movable walls to move the related end wall toward and away from the said duct and control means responsive to pressure exerted by the cigarettes inside of the said duct, and by which the said operating means are controlled, whereby to cause an increase in the capacity of at least one of the said chambers, when a pre-established first value is exceeded by said pressure, and to causing a decrease in the capacity of at least one of the said chambers when said pressure falls below a pre-established second value, lower than the said first value.

CLASS 129G

146390

Int Cl B23d 3/00

SELF RETRACTING TOOL

Applicant DEVRIES MACHINE COMPANY OF FAIR STREET, ROYAL OAK MICHIGAN 48068, UNITED STATES OF AMERICA

Inventor ROBERT MARCEL ORTIZ

Application No 510 Cal 77 filed April 5, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

24 Claims

A tool holder assembly for mounting a tool on a machine in a predetermined location with respect to a workpiece to perform a machining operation on the work-piece wherein the portion of the surface of the work-piece being machined and the work performing portion of the tool move relative to one another in a cutting direction and in a feed direction at right angles thereto, the tool holder assembly comprising

a base member adapted to be affixed to the machine, a tool holder having means for rigidly mounting the tool thereon

mounting means for pivotally mounting said tool holder to said base member for pivotal movement of said portion of the tool between first and second positions,

said mounting means being operable to permit movement of said tool portion to said second position in response to the forces created by the engagement of said tool portion and the surface to be machined

said second position being spaced from said first position in the direction of movement of the tool with respect to the workpiece in said feed direction, and

stop means for limiting further pivotal movement of said tool holder when said tool portion moves from said first position to said second position

CLASS 167A & C & I & H & 185C

146391

Int Cl B03b 7/04

MECHANICAL SORTERS FOR PROCESSED TEA LEAVES

Applicant STELSWORTH LIMITED 17 GANESHWAR CHANDRA AVENUE, CALCUTTA 700 013, WEST BENGAL INDIA

Inventor DINESH BAGARIA

Application No 1443 Cal/77 filed September 24, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

4 Claims

A mechanical sorter for processed tea leaves to sort the material into grades or different sizes comprising a frame held to a bottom stand in an inclined manner to the horizontal plane having arranged therein a plurality of sieves of different mesh size in which the sieves from the top end to the lower end of the frame are of gradually higher mesh size, and channel means to hold the sieves in position, each sieve having a collection chamber below with suitable discharge chute from the collection chamber a feed hopper having opposed side walls and held at the top end of the inclined frame characterized in the drive means are provided associated with the said bottom stand and in operational arrangement with the underside of the frame to provide a to and fro motion in other words a reciprocal movement to the said frame and wherein one opposed wall of the feed hopper is adjustably mounted so that the slot opening at the lower end of the hopper can be adjusted and flow of ungraded tea controlled

CLASS 167C & 198A & D

146392

Int Cl B03d 3/00

GRAVITATIONAL SEPARATOR EMPLOYING AN IMPROVED FLUENT SUPPLY SYSTEM

Applicant MINERALS DEPOSITS LIMITED OF 81 ASHMORE ROAD, SOUTHPORT QUEENSLAND 4215, AUSTRALIA

Inventor PHILLIP JOHN GIFFARD

Application No 409 Del 77 filed November 21 1977

Convention date November 22 1976 / (PC 8217/76) AUSTRALIA

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Delhi Branch

10 Claims

A gravitational separator of the kind comprising a helical sluice down which a stream of eluent and particulate material to be separated may flow, and eluent supply means wherein said eluent supply means comprises a helical delivery conduit co-axial with an having the same pitch as the separator sluice, means to feed eluent to the upper end of said conduit at a rate ensuring discharge of residual eluent from the lower end of the conduit and an eluent stream in the conduit characterised by a free surface throughout its length and a plurality of tap-off means to feed eluent from said conduit to said sluice, each tap-off means comprising an insert having an aperture therein extending through said conduit from said eluent stream said aperture having a portion of its inner lip broken away to a greater extent than the remainder of said lip, said insert being rotatable thereby to vary the amount of eluent delivered through said aperture

CLASS 101F

146393

Int Cl G01p 5/00

A CURRENT METER FOR MEASURING THE SPEED AND DIRECTION OF WATER

Applicant THE CHIEF CONTROLLER RESEARCH AND DEVELOPMENT MINISTRY OF DEFENCE, GOVERNMENT OF INDIA NEW DELHI (INDIA)

Inventor SRI ANAPUZHA RAJAKRISHNAN

Application No 41/Del/76 filed November 25, 1976

Complete Specification left November 23 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Delhi Branch

2 Claims

A current meter for measuring the speed and direction of water comprising an impeller mounted on a hub, said impeller being mounted in front of an underwater body such that the impeller faces the current, two magnets embedded within the hub of the impeller a known Hall effect device provided adjacent the magnets in a hollow tube, said hollow tube being fitted close to the hub of the impeller the impulses from the magnets being sensed by the Hall effect device the said impulses being electronically processed and counted by conventional means

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer in-Charge, Government of India Central Book Depot 8 Hastings Street Calcutta at two rupees per copy —

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| 132895 134057 | | |

List No. I

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Electrical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calender Year 1977 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes.

| S. No. | Patent No. | Date of Patent | Name and Address of Patentee | Brief title of the invention |
|--------|------------|----------------|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1. | 99851 | 1-6-65 | Bunker Ramo Corp., 900 Commerce Drive, Oak Brook, Illinois, USA | Electrical connectors. |
| 2. | 101151 | 11-8-65 | Do. | Resistive element and variable resistor. |
| 3. | 106164 | 13-7-66 | Do. | Modular co-axial switch. |
| 4. | 111402 | 6-7-67 | Do. | Contact retention device for an electrical connector. |
| 5. | 122175 | 8-7-69 | Mitsubishi Denki Kabushiki Kaisha No. 12, Marunouchi, 2-Chome Chiyoda-Ku, Tokyo, Japan. | Controlling D-C power. |
| 6. | 122619 | 4-8-69 | Bunker Ramo Corp., 900 Commerce Drive, Oak Brook, Illinois U S A | Precision potentiometer. |
| 7. | 122798 | 18-8-69 | Mitsubishi Denki K.K. No. 12, Marunouchi, 2-Chome, Chiyoda-ku, Tokyo, Japan. | System for controlling D.C. Power. |
| 8. | 123324 | 27-9-69 | Owens-Illinois Inc., 405 Madison Avenue, Toledo, Ohio, U S A | Gas discharge display panel. |
| 9. | 123350 | 29-9-69 | Do. | Circuit for suppressing spurious pulsing of discharge units in a gas discharge panel. |
| 10. | 123469 | 7-10-69 | Do. | Gas discharge display memory device |
| 11. | 124965 | 22-1-70 | Bunker Ramo Corp., 900 Commerce Drive, Oak Brook, Illinois, U S A | Electrical connector and wire seal therefore. |
| 12. | 125314 | 16-2-70 | Roche Ramchand Pardasani, Bhatia Bldg, 87, Ranade Road, Dadar, Bombay-28, India. | Key controlled device for operating electrical circuit. |
| 13. | 127911 | 12-8-69 | Joseph Lucas (Industries) Ltd., Great King's Street, Birmingham, England | Ignition distributors. |
| 14. | 125534 | 2-3-70 | Chloride Legg Ltd., Merridale Street, Wolverhampton, Staffordshire, England. | Automatic electric battery charging apparatus. |
| 15. | 125555 | 3-3-70 | Siemens AG; Berlin & Munich, West Germany. | Component assemblies for electric communication or measuring unit. |
| 16. | 126038 | 2-4-70 | Bunker Ramo Corp. U S A | Continuously fabricating electrical contact members. |
| 17. | 126412 | 28-4-70 | Owens-Illinois Inc., U S A | Integrated driving circuitry for gas discharge panel. |
| 18. | 126416 | Do. | Bunker Ramo Corp. U S A | Rigid electrical connector. |

| 1 | 2 | 3 | 4 | 5 |
|-----|--------|---|--|---|
| 19. | 126567 | 8-5-70 USS Engineers & Consultants Inc., 600 Grant Street, Pittsburgh, Pennsylvania, U.S.A. | Protecting a sheet being electroplated with a metal. | |
| 20. | 126696 | 16-5-70 Electric Power Storage Ltd., Grosvenor Gardens, London, SW1, England | Multi-cell electric storage batteries of lead acid type. | |
| 21. | 126852 | 7-8-70 Gould Inc., E-1200 First National Bank Bldg., St. Paul, Minnesota, U.S.A. | Making electrical connections through a storage battery wall. | |
| 22. | 127032 | 11-6-69 C.A.V. Ltd., Well Street, Birmingham 19, England. | Increasing initial rise of current in an inductor in the circuit. | |
| 23. | 127083 | 15-6-70 Mitsubishi Denki Kabushiki Kaisha, Japan | Braking electric motor vehicle. | |
| 24. | 127358 | 1-7-70 Associated Electrical Industries Ltd., 1 Stanhope Gate, London W1, England. | Protective relays. | |
| 25. | 127450 | 8-7-70 R.C.A. Corp., 30 Rockefeller Plaza, New York, N.Y. 10020, U.S.A. | Duplicates of sound recordings | |
| 26. | 127546 | 17-7-70 Siemens AG; West Germany | Arrangement for measuring current. | |
| 27. | 127701 | 24-7-70 British Insulated Callender's Cables Ltd., 21, Bloomsbury Street, London WC1 England. | Electric conductors. | |
| 28. | 127739 | 27-7-70 Bunker Ramo Corp., U.S.A. | Receptacle for flat circuit bearing element. | |
| 29. | 127864 | 4-8-70 R.C.A. Corp., U.S.A. | Information recording media. | |
| 30. | 127870 | 4-8-70 Siemens AG West Germany | Manufacturing an electrical device the step of connecting a first and second part. | |
| 31. | 127914 | 24-12-69 Joseph Lucas (Industries) Ltd., Great King's Street, Birmingham, England | Ignition distributors. | |
| 32. | 127958 | 10-8-70 Siemens AG West Germany | An installation comprising an synchronous electrical machine. | |
| 33. | 127960 | 10-8-70 Gould Inc., U.S.A. | Casting battery plates. | |
| 34. | 128267 | 2-9-70 Siemens AG West Germany | Amplifier regulation arrangements for carrier frequency information transmission. | |
| 35. | 128258 | 1-9-70 Bunker Ramo Corp., U.S.A. | An adjustable electrical impedance device. | |
| 36. | 128312 | 7-9-70 Owens-Illinois Inc., U.S.A. | Gas discharge panel. | |
| 37. | 128498 | 19-9-70 Essex Group Inc., 1601 Wall Street, Fort Wayne, Indiana U.S.A. | Pressure sensitive combination switch and circuit breaker construction. | |
| 38. | 128540 | 27-10-69 Joseph Lucas (Industries) Ltd., England | Apparatus for testing electromagnetic horns. | |
| 39. | 128584 | 24-9-70 Bunker Ramo Corp., U.S.A. | Electric connector having adjustable keying. | |
| 40. | 128669 | 30-9-70 Chloride Batteries Australia Ltd., 55 Bryant Street, Potts Point, New South Wales, 2211, Commonwealth of Australia. | An integrated arrangement of multicell batteries. | |
| 41. | 128683 | 3-10-70 Gould Inc., E-1200, First National Bank Bldg., P.O. Box 3140, St. Paul, Minnesota, U.S.A. | String battery plate connecting type onto a connecting strap. | |
| 42. | 128731 | 7-10-70 Siemens AG; West Germany | Measuring current in a high tension conductor. | |
| 43. | 128805 | 13-10-70 General Electric Co., 1 River Road, Schenectady, N.Y. U.S.A. | Thermosetting insulation composition. | |
| 44. | 128945 | 22-10-70 B.I.C.C. Ltd., 21 Bloomsbury Street, London W.C.1, England | Electric cables. | |
| 45. | 128947 | 22-10-70 B.I.C.C. Ltd., 21 Bloomsbury Street, London W.C.1, England. | Electric cables | |
| 46. | 129023 | 27-10-70 Siemens AG; West Germany | Dividing net works. | |
| 47. | 129112 | 4-11-70 Joseph Lucas (Industries) Ltd., England | Electromagnets. | |
| 48. | 120358 | 23-11-70 Siemens AG., Berlin & Munich, West Germany. | Carrier frequency systems. | |
| 49. | 129392 | 25-11-70 Bunker Ramo Corp., U.S.A | Electrical connector having improved contact retention system. | |

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| 50. | 129400 | 26-1-70 | B.I.C.C. Ltd, England | Processing of wires. |
| 51. | 129519 | 7-12-70 | The English Electric Co. Ltd., Bush House, Aldwych, London, WC 2B 4Q J, England. | Relay power supply. |
| 52. | 129520 | Do. | Joseph Lucas (Industries) Ltd., England. | Rotary electrical machines. |
| 53. | 129521 | Do. | Do. | Lamp failure warning circuit for vehicles. |
| 54. | 129560 | 10-12-70 | B.I.C.C. Ltd., England | Insulated electric cables. |
| 55. | 129600 | 15-12-70 | Westinghouse Electric Conpn., U S A | Fluorescent lamps. |
| 56. | 129644 | 17-12-70 | Kawasaki Steel Co. pn., No. 1, 1 Chome, Kitahoncho-Dari, Fukusai-k, Kobe, Japan. | Forming electric insulating coating on the surface of silicon steel sheet. |
| 57. | 129723 | 24-12-70 | R C A Corp., 30 Rockefeller Plaza, New York, New York, 10020, U S A | A monopulse multimode feed system. |
| 58. | 129851 | 6-1-71 | Mefina S.A, Route de Beaumont 5, Fribourg, Switzerland. | Push button switch. |
| 59. | 129870 | 7-1-71 | Westinghouse Canada Ltd., 286 Sanford Avenue North, Hamilton, Ontario Canada. | Calcium holophosphate daylight phosphor fluorescent lamp. |
| 60. | 129882 | 8-1-71 | Siemens AG, West Germany | A printed circuit board having a plurality of control channels on one side thereof. |
| 61. | 129998 | 19-1-71 | Ethicon Inc., Sommerville, New Jersey, U S A | Electropolishing of drilled surgical needles. |
| 62. | 130069 | 27-1-71 | Siemens AG., West Germany | Apparatus for diffusing doping substances into semiconductor material. |
| 63. | 130070 | Do. | Do. | Manufacture of hollow bodies of semiconductor material |
| 64. | 130090 | 28-1-71 | Westinghouse Electric Corp., U S A | Fluorescent lamps |
| 65. | 130120 | 29-5-71 | N. Chakravarti; 639 Block O'New Alipur, Calcutta 53, India. | Transmission towers or poles. |
| 66. | 130218 | 9-2-71 | Siemens AG., West Germany | Terminal seals for insulated cable of conductors. |
| 67. | 130283 | 16-2-71 | Do. | Pulse generator circuits for pulse code modulation system. |
| 68. | 130285 | Do. | Do. | Signal channel combination system. |
| 69. | 130353 | 24-2-71 | Bunker Ramo Corp., U S A | Electrical connector having terminated contact elements. |
| 70. | 130505 | 9-3-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 71. | 130525 | 11-3-71 | Do. | Electromagnetic horns. |
| 72. | 130621 | 18-3-71 | Electric Power Storage Ltd., Clifton Junction, Swinton, Manchester, Lancashire, England. | Making eve electrodes for lead batteries. |
| 73. | 130635 | 19-3-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 74. | 130688 | 23-3-71 | Marston Excelsior Ltd., Wobaston Road, Fordhouse, Wolverhampton, England. | Electrodes. |
| 75. | 130703 | 24-3-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 76. | 130704 | Do. | Do. | Do. |
| 77. | 130727 | 22-1-72 | (1) Nippon Hose Kyoki of 2-1, 2-chome, Jin an, Shibuya-ku, Tokyo, Japan & | Metal vapour discharge lamp. |
| | | | (2) Tokyo Shibaura Electric Co., Ltd., of 27 Horikawa-cho, Saitama-ku, Kawasaki-shi, Japan. | |
| 78. | 130766 | 29-3-71 | Joseph Lucas (Industries) Ltd., England. | Electrical components. |
| 79. | 130823 | 2-4-71 | Westinghouse Electric Corp., U S A | Lighting units. |
| 80. | 130893 | 8-4-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 81. | 130988 | 14-4-71 | Globe Union Inc., 5757 N. Green Bay Avenue, Milwaukee, Wisconsin 53201, U S A | Storage batteries. |

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| 82. | 131026 | 19-4-71 | R C A Corp., 30 Rockefeller Plaza, New York, New York 10020, U S A | A TM O1 mode exciter and a multi-mode exciter system using same. |
| 83. | 131160 | 28-4-71 | Bunker Ramo Corp., U S A | Trimming resistance circuit. |
| 84. | 131263 | 6-5-71 | Joseph Lucas (Industries) Ltd., England. | Electrical lamp assemblies. |
| 85. | 131289 | 7-5-71 | Taxaco Development Corp., U S A. | An electrical indicator for pneumatic controls system. |
| 86. | 131290 | Do. | Ustav Pro Vzykum Rud; Praha 4, Modrauska, 23, Czechoslovakia. | High intensity multizone magnetic separator. |
| 87. | 131347 | 13-5-71 | Joseph Lucas (Industries) Ltd., England. | Voltage regulators for use in battery charging system. |
| 88. | 131462 | 22-5-71 | Do. | Battery charging system for road vehicles. |
| 89. | 131523 | 28-5-71 | Do. | Electrical lamp assembly for road vehicles. |
| 90. | 131534 | 29-5-71 | Do. | Electrical switches. |
| 91. | 131643 | 8-6-71 | Do. | Electrical system for road vehicles. |
| 92. | 131645 | Do. | Udylite Corp., Detroit, Michigan, U S A | Battery employing halogen hydrate as an oxidant. |
| 93. | 131647 | Do. | Bunker Ramo Corp., U S A. | Non-explosive electrically initiated heat ignitable actuator. |
| 94. | 131698 | 14-6-71 | Matsushita Electric Industrial Co., Ltd., 1006, Oazo Kadoma, Kadamashi, Osaka, Japan. | Dry cells. |
| 95. | 131794 | 18-4-72 | Sarabhai Electronics Research Centre; B-16, Naroda Industrial Estate, Ahmedabad-30, India. | A receiver capable of receiving monochrome video signals and plurality of audio signals. |
| 96. | 131839 | 22-6-71 | Bunker Ramo Corp., U S A. | Electrical connector contact. |
| 97. | 131925 | 30-6-71 | Union Carbide Corp., 270 Park Avenue, New York, N.Y. 10017, U S A | Electrically conductive articles. |
| 98. | 132272 | 27-7-71 | Bunker Ramo Corp., U S A | Electrical contact and conductors. |
| 99. | 132277 | 28-7-71 | Union Carbide Corp., U S A | Primary dry cell. |
| 100. | 132307 | 30-7-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 101. | 132356 | 3-8-71 | Siemens A G, West Germany | Phase modulator. |
| 102. | 132357 | Do. | Do. | Digital filters. |
| 103. | 132391 | 5-8-71 | Do. | Electrical machine arrangement for providing constant excitation current for a brushless variable speed synchronous machine. |
| 104. | 132418 | 7-8-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 105. | 132455 | 10-8-71 | Siemens A G; West Germany. | Duplex information transmission system. |
| 106. | 132466 | 11-8-71 | General Electric Co; 1 River Road, Schenectady, New York, U S A. | Sintered intermetallic product and magnets produced therefrom. |
| 107. | 132547 | 17-8-71 | R C A Corp., U S A. | Making semiconductor device. |
| 108. | 132568 | 18-8-71 | Bunker Ramo Corp., U S A. | Magnetic switches. |
| 109. | 132592 | 20-8-71 | Joseph Lucas (Industries) Ltd., England. | Electrically operated fans. |
| 110. | 132639 | 24-8-71 | Do. | Electrical switch assemblies. |
| 111. | 132733 | 1-9-71 | R C A Corp., U S A | Making transistors including base sheet resistivity determining step. |
| 112. | 132784 | 4-9-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 113. | 132864 | 10-9-71 | Corning Glass Works; Corning New York, U S A. | Control system for electric furnaces. |
| 114. | 133173 | 8-10-71 | Westinghouse Brake & Signal Co., Ltd., 82 Yorkway, Kings Cross London N 19AJ, England. | Static relaying circuit. |
| 115. | 133232 | 14-10-71 | The Air Preheater Co., Andover Road, Wellwills, N.Y. U S A. | Electrostag welding apparatus. |

| 1 | 2 | 3 | 4 | 5 |
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| 116. | 133244 | 15-10-71 | Bunker Ramo Corp., U S A. | Trimmer potentiometer. |
| 117. | 133275 | 19-10-71 | Do. | Cable junction box. |
| 118. | 133283 | 20-10-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 119. | 133348 | 25-10-71 | Do. | Electrical switches. |
| 120. | 133351 | 25-10-71 | Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadome, Japan. | Variable condenser. |
| 121. | 133362 | 11-5-70 | Minnesota Mining and Manufacturing Co. 3m Centre, St. Paul, Minnesota 55101, U S A. | Assembly station for use in splicing of communication cables. |
| 122. | 133363 | Do. | Do. | Probe member for verifying Electrical connection to be used in splicing of communication cable. |
| 123. | 133365 | 26-10-71 | Siemens A G; Berlin & Munich, West Germany. | Deposition of crystalline semiconductor material. |
| 124. | 133483 | 4-11-71 | Deer & Co., Moline, Illinois, U S A. | Electroless nickel plating. |
| 125. | 133496 | 5-11-71 | Joseph Lucas (Industries) Ltd., England. | Electrical switches |
| 126. | 133497 | Do. | Do. | Do. |
| 127. | 133513 | 6-11-71 | Do. | Electro magnetic relays. |
| 128. | 133541 | 9-11-71 | R C A Corp. | A semiconductor device. |
| 129. | 133601 | 12-11-71 | Yorkshire Switchgear & Engineering Co., Ltd., Meanwood Road, LS6 2BN, England. | Electric circuit breaker. |
| 130. | 133740 | 25-11-71 | Fairchild Camera & Instrument Corp., 464 Ellis Street, Mountain View, California 94040, U S A. | Fabricating integrated circuits with oxidized isolation. |
| 131. | 133761 | 26-11-71 | Rists Wires & Cables Ltd., Lower Milchouse Lane, New castle Under Lyne, England. | Housing for an electrical connector. |
| 132. | 133774 | 27-11-71 | Joseph Lucas (Industries) Ltd., England. | Voltage regulators. |
| 133. | 133785 | 29-11-71 | Siemens AG; West Germany | V.R.F. hetero-dyne-circuits. |
| 134. | 133786 | Do. | Do. | Frequency multipliers. |
| 135. | 133787 | Do. | Do. | Electromechanical filters. |
| 136. | 133798 | 30-11-71 | Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London S.W. 1. | Insulated conductor. |
| 137. | 133830 | 2-12-71 | Joseph Lucas (Industries) Ltd., England. | Direction indicator switches. |
| 138. | 133914 | 10-12-71 | Burroughs Corp., Second Avenue, Detroit, Michigan 48232, U S A. | Display device including gas cells and liquid crystal cells. |
| 139. | 133925 | 13-12-71 | The English Electric Co., Ltd., 1 Sganhope Gate, London W1A1EH, England. | High voltage monitoring system. |
| 140. | 133973 | 16-12-71 | Siemens A G ; West Germany. | Making magnetic material laminations. |
| 141. | 134216 | 7-1-72 | Joseph Lucas (Industries) Ltd., England. | Electrical switches. |
| 142. | 134280 | 14-1-72 | Legg (Industries) Ltd., Mervable Str., Wolverhampton, Staffashire, England. | Battery charging apparatus. |
| 143. | 134281 | 14-1-72 | Joseph Lucas (Industries) Ltd., England. | Battery charging system for road vehicle. |
| 144. | 134282 | Do. | Do. | An electrical switch and lock assembly for use in a vehicle. |
| 145. | 134306 | 18-1-72 | Do. | Electrical switches. |
| 146. | 134307 | Do. | Do. | Cable clip. |
| 147. | 134312 | Do. | Thorn Electrical Industries Ltd., Thorn House, Upper Saint Martin's Lane, London W C 2 H 9 E D, England. | Tungsten halogen lamp. |

| 1 | 2 | 3 | 4 | 5 |
|------|--------|---------|---|---|
| 148. | 134340 | 20-1-72 | Joseph Lucas (Industries) Ltd., England. | Dynamo electric machine. |
| 149. | 134354 | 22-1-72 | Do. | Dynamo electric machine. |
| 150. | 134371 | 24-1-72 | E. Scheubecka S Eichenstrasse, Zailam, Regensburg, West Germany. | Stepping suitable for regulating transformers. |
| 151. | 134473 | 2-2-72 | Siemens A G West Germany | Digital information transmission system. |
| 152. | 134474 | Do. | Do. | Electro-mechanical filters. |
| 153. | 134573 | 10-2-72 | Do. | Oscillator frequency control. |
| 154. | 134608 | 14-2-72 | Joseph Lucas (Industries) Ltd., England. | Electrical switch. |
| 155. | 134609 | Do. | Do. | Electrical switch arrangement. |
| 156. | 134720 | 23-2-72 | Do. | Electro-mechanical voltage regulators. |
| 157. | 134749 | 25-2-72 | Do. | Dynamo-electric machines. |
| 158. | 134752 | Do. | Do. | Electro magnetic relay arrangement. |
| 159. | 134762 | 28-2-72 | Do. | Electrical switches. |
| 160. | 134799 | 1-3-72 | Do. | Direction indicator electrical switches. |
| 161. | 134793 | 2-3-72 | Do. | Electric switch contact. |
| 162. | 134839 | 6-3-72 | Westinghouse Electric Corp., U S A. | Semiconductor devices. |
| 163. | 134874 | 8-3-72 | Imperial Chemical Industries, Ltd., England. | Electrodes and electromechanical process. |
| 164. | 134929 | 14-3-72 | Siemens A G, West Germany. | A pulse width modulated inverter and method of producing control signals. |
| 165. | 134958 | 16-3-72 | Joseph Lucas (Industries) Ltd., England. | Electric switches. |
| 166. | 134968 | 17-3-72 | Imperial Chemical Industries Ltd., England. | Fuse cord. |
| 167. | 135015 | 21-3-72 | Canon Kabushiki Kaisha 30-2, 3 Chome, Shimomaruko, Ohta-ko, Tokyo, Japan. | Transferring images developed by liquid developer in elektrophotographic process. |
| 168. | 135518 | 1-4-72 | Joseph Lucas (Industries) Ltd., England. | Full wave rectifier assemblies. |
| 169. | 135147 | 28-4-73 | C S I R Rafi Marg, N.w Delhi, India. | Electropolishing of mild steel. |
| 170. | 135190 | 6-4-72 | Siemens AG, West Germany. | Radio relay network system for the transmission of digital signals |
| 171. | 135210 | 7-4-72 | V.S. Satyanarayana, 38 C, Irwin Road, New Delhi, India. | A device adopted to disconnect a load from a power supply. |
| 172. | 135232 | 11-4-72 | R C A Corp., U S A. | Method of making semiconductor device. |
| 173. | 135233 | 11-4-72 | Westinghouse Electric Corp., U S A. | Liquid cooled rotor for dynamo-electric machines. |
| 174. | 135267 | 13-4-72 | R C A Corp., U S A. | Forming beam leads on a semiconductor device. |
| 175. | 135280 | 15-4-72 | NL Industries Inc., 111, Broadway, New York, N Y. 10006, U S A. | A monolithic capacitor and method of making them. |

**REGISTRATION OF ASSIGNMENTS, LICENSES, ETC.
(PATENTS).**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

106622.— Hoesch Rothe Erde—Schmiedag AG.

**PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENSES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

| No. | Title of the invention |
|------------------|---|
| 136926 (9-10-72) | A process whereby palm saps are conditioned. |
| 136964 (25-7-72) | Process for the manufacture of phthalazone derivative. |
| 136973 (23-7-73) | Improvement in or relating to method of sintering nickel powder to produce thin sintered plagues for alkaline battery plates. |
| 136985 (16-7-73) | A process for upgrading powders iron oxide. |

RENEWAL FEES PAID

92650 92651 93323 93943 93366 93410 93643 93645 93671
93688 93715 93731 93803 93816 93986 93989 93990 93991
94265 94776 97132 98223 98774 98900 98963 99118 99188

99194 99464 99535 99706 99779 99804 99820 100039
 104821 104869 104879 104919 104972 195141 105142 105306
 105323 105358 105442 105545 105756 108945 110245 110271
 110277 110406 110408 110477 110703 111269 114800 115219
 115403 115465 115494 115576 115589 115614 115819 115892
 116060 116158 116387 116395 116639 117846 120711 120718
 120834 120857 120864 120939 120951 120962 120967 120989
 121003 121004 121019 121025 121038 121117 121131 121267
 121276 121381 121423 121462 121474 121554 121597 121744
 121941 123194 126141 126163 126171 126184 126215 126253
 126302 126337 126426 126517 126528 126529 126547 126567
 126626 126639 126743 126755 126758 126812 127248 127967
 130416 130901 130945 131000 131044 131058 131059 131060
 131064 131079 131083 131095 131184 131222 131235 131334
 131369 131480 131521 131564 131576 131780 131934 132728
 134228 134489 134778 134792 135253 135265 135270 135272
 135280 135323 135336 135402 136033 136034 136050 136085
 136233 136234 136337 136390 136501 136623 136711 136798
 137373 138046 138136 138282 138297 138321 138422 138503
 138504 138739 138780 138858 138936 138966 138992 139000
 139018 139211 139276 139424 139488 139603 139715 139775
 139863 139864 139865 140052 140067 140083 140256 140444
 140570 140596 140622 140661 140905 140953 140975 141098
 141148 141178 141263 141288 141381 141402 141415 141428
 141493 141500 141825 141866 141891 141923 141976 142023
 142218 142244 142277 142302 142317 142328 142369 142422
 142437 142438 142480 142502 142582 142728 142851 142915
 143063 143123 143129 143291 143351 143475 143482 143497
 143521 143596 143666 143727

CESSATION OF PATENTS

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 126973 126997 127007 127008 127015 127021 127022 127025
 127031 127037 127038 127045 127048 127051 127056 127062
 127064 127067 127071 127075 127082 127086 131413 132166
 133246 135183 138561 141387 142224 140434

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 114164 granted to Schloemann Aktiengesellschaft for an invention relating to "Continuous casting plant". The Patent ceased on the January 22, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th September, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 124903 granted to Pierre Dillies for an invention relating to "Process and apparatus for the treatment of textile fibre in bulk". The Patent ceased on the 17th January, '78 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the

Gazette of India, Part III, Section 2 dated the 3rd February, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 130141 granted to Nippon Kokan Kabushiki Kaisha for an invention relating to "Method of blowing such fluid as reducing gas into a furnace and boring apparatus for use therein". The Patent ceased on the 2nd February, '78 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd March, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 138051 granted to Clayton Dewandre Company Limited, for an invention relating to "Improvements in or relating to spring brake units". The Patent ceased on the 12th February, '78 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th February, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139293 granted to Indian Explosives Limited for an invention relating to "Sensitised dry blasting composition and their method of preparation". The Patent ceased on the February 13, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th March, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140285 granted to Arvinder Singh Brara for an invention relating to "Method of preparing a new alloy". The Patent ceased on the 2nd July, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd March, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142287 granted to Pullman Incorporated for an invention relating to "Process for producing high strength reducing gas suitable for reducing metallic ores". The Patent ceased on the 30th August, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th March 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 on or before the 19th July 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Name Index of applicants for the month of February 1979 (Nos. 104/Cal/79 to 185/Cal/79, 34/Bom/79 to 64/Bom/79, 20/Mas/79 to 38/Mas/79 and 76/Del/79 to 146/Del/79).

| Name | Appn. No. |
|--|-----------|
| (A) | |
| AB Bofors.—109/Del/79 | |
| AB Svenska Flaktfabriken.—91/Del/79 and 102/Del/79. | |
| Abplanalp, R. H.—113/Cal/79 | |
| Agro-Commercial.—168/Cal/79 | |
| Aisa Automation Industrielle S.A.—167/Cal/79. | |
| Aktieselskabet Nordiske Kabel-0G Traadfabriker.—128/Del/79. | |
| Aluminium Pechiney.—77/Del/79. | |
| Associated Cement Companies Limited, The.—52/Bom/79 and 53/Bom/79. | |
| Associated Engineering Italy S.P.A.—108/Del/79. | |
| (B) | |
| BASF Aktiengesellschaft.—112/Cal/79. | |
| BBC Brown, Boveri & Company Limited.—154/Cal/79. | |
| Banerjee, R.—83/Del/79. | |
| Benedict, K. X.—33/Mas/79. | |
| Benfield Corporation.—126/Del/79. | |
| Bharat Heavy Electricals Limited.—141/Del/79. | |
| Brentini, A.—142/Del/79 | |
| British Aluminium Company Limited, The.—148/Cal/79. | |
| Bunker Ramo Corporation.—121/Cal/79, 147/Cal/79 and 155/Cal/79 and 159/Cal/79 | |
| Burroughs Corporation—108/Cal/79 and 119/Cal/79. | |
| (C) | |
| Celanese Corporation.—180/Cal/79. | |
| Cement Research Institute of India—99/Del/79. | |
| Chief Controller, Research & Development, Ministry of Defence, Government of India, The.—76/Del/79, 100/Del/79 and 107/Del/79. | |
| Chloride silent power Limited.—87/Del/79. | |
| Combustion Engineering, Inc.—156/Cal/79, 157/Cal/79 and 163/Cal/79. | |

| Name | Appn. No. |
|--|-----------|
| Continental Oil Company.—749/Cal/79. | |
| Controller, Indian Bureau of Mines, Government of India, Ministry of Steel of Mines.—61/Bom/79. | |
| Corning Glass Works.—165/Cal/79. | |
| Council of Scientific and Industrial Research.—117/Del/79, 132/Del/79 and 133/Del/79. | |
| (D) | |
| Dana Corporation.—107/Cal/79. | |
| Dalay, R.—81/Del/79, 82/Del/79. | |
| Denison Hydraulics India Ltd.—36/Mas/79. | |
| Dhar, S.—104/Cal/79. | |
| Dhar, S. K. (Prof).—129/Cal/79. | |
| Didier Engineering GMBH.—126/Cal/79, 166/Cal/79. | |
| Dikshit, P. K.—48/Bom/79. | |
| Director General, Cement Research Institute of India, The.—99/Del/79. | |
| Director General, Research Designs and Standards Organisation, Ministry of Railways.—120/Del/79. | |
| Dresser Industries, Inc.—123/Cal/79. | |
| Dynamit Nobel Aktiengesellschaft.—130/Cal/79. | |
| (E) | |
| E. R. Squibb & Sons, Inc.—86/Del/79, 97/Del/79. | |
| Electronics Corporation of India Limited.—22/Mas/79, 23/Mas/79. | |
| Emhart Industries, Inc.—117/Cal/79. | |
| Escorts Limited.—135/Del/79 and 136/Del/79. | |
| Esmil, B. V.—153/Cal/79. | |
| Eurographics Holding N.V.—109/Cal/79. | |
| (F) | |
| Fields, G.C.—158/Cal/79. | |
| Fives-Cail Babcock.—111/Cal/79. | |
| Foody, P.—134/Del/79. | |
| Franz Plasser Bahnbaumaschinen m. b. H.—114/Cal/79. | |
| Fritz Buser AG.—106/Cal/79. | |
| Maschinenfabrik.—128/Cal/79. | |
| (G) | |
| Gandhi, M.C.—62/Bom/79. | |
| Ganesan, S.—32/Mas/79. | |
| General Electric Company Limited, The.—96/Del/79. | |
| General Tire & Rubber Company, The.—137/Del/79. | |
| Gharda Chemicals Private Limited.—54/Bom/79. | |
| Girling Limited.—95/Del/79, 118/Del/79. | |
| Glacier Metal Company Limited, The.—183/Cal/79. | |
| Glaenzer Spicer.—80/Del/79. | |
| Gopalakrishnan, S.—35/Mas/79. | |
| Gopalratnam, N. M.—37/Mas/79. | |
| Govindaswamy Iyer P. R.—32/Mas/79. | |
| Gratzmuller, J. L.—171/Cal/79. | |
| Gupta, B. N. B.—127/Del/79. | |
| (H) | |
| Hindustan Lever Limited.—60/Bom/79. | |
| Hitachi Ltd.—118/Cal/79. | |
| Hoechst Aktiengesellschaft.—110/Del/79, 111/Del/79, 112/Del/79, 113/Del/79 and 138/Cal/79. | |
| (I) | |
| ICI Australia Limited.—144/Del/79. | |

Imperial Chemical Industries Ltd.—79/Del/79 and 88/Del/79.

Indian Institute of Technology.—31/Mas/79.

Industrie Pirelli SpA.—121/Del/79.

Institute Neftekhimicheskikh Protsessov Imeni Akademika JU. G. Mamedalieva

Akademii Nauk Azerbaibhanskoi SSR.—136/Cal/79.

International Standard Electric Corporation.—139/Cal/79.

Ireco Chemicals.—135/Cal/79.

Ivanov, G. M.—144/Cal/79.

Iyer, S. I. G.—38/Mas/79.

Izzathullah, S.—27/Mas/79.

(J)

Jayaraman, S.—164/Cal/79.

Jindal, R. A.—98/Del/79.

Johnson & Johnson.—151/Cal/79. and 152/Cal/79.

Josef Martin Feuerungsbau GMBH.—132/Cal/79.

(K)

Kabel-Und Metallwerke Gutehoffnungshutte Aktiengesellschaft AG.—169/Cal/79.

Kaur, D.—85/Del/79.

Khmelev, V. V.—144/Cal/79.

Knight, D. W.—182/Cal/79.

Koster, H. (Dipl. Ing.).—94/Del/79.

Kraftwerk Union Aktiengesellschaft.—141/Cal/79.

Kumbhare, M.—37/Bom/79.

(L)

L' Air Liquide, Societe Anonyme Pour L'Etude ET L' Exploitation DES Procedes Georges Claude.—123/Del/79.

Lakhanpal National Limited.—39/Bom/79. 40/Bom/79.

Lakshman, S. V. J. (Prof.) Leningradsky Zavod sluchykh plastikov.—172/Cal/79.

Linde Aktiengesellschaft.—122/Cal/79.

(M)

Manik Metals & Trading Company Private Limited.—51/Bom/79.

Martin Engineering Company.—146/Cal/79.

Messerschmitt-Bolkow-Blohm Gesellschaft Mit Beschränkter Haftung.—122/Del/79.

Metal Box Limited.—178/Cal/79.

Metrex Private Limited.—47/Bom/79.

Minnesota Mining and Manufacturing Company.—116/Cal/79.

Mirchandani, I. T.—58/Bom/79 and 59/Bom/79.

Mobil Tyco Solar Energy Corporation.—143/Del/79.

Modesto Refrigeration Corporation.—116/Del/79.

Moghe, A. R.—36/Bom/79.

Mono Pump Limited.—104/Del/79.

Monsanto Company.—140/Cal/79.

Montedison S.p.A.—162/Cal/79 and 173/Cal/79.

Movillar Systems, S.A.—90/Del/79.

Mukherjee, S.—38/Bom/79.

Murugon & Sons.—24/Mas/79.

Muthusamy, P. A.—20/Mas/79.

(N)

NRM Corporation.—174/Cal/79.

Naidu, P. J.—21/Mas/79.

Nayagam, K. T.—119/Del/79.

Nichabhai, P.I.—49/Bom/79.

Novikov, V. I.—144/Cal/79.

(O)

Ojha, B. L.—78/Del/79.

(P)

Parkash, R.—155/Del/79.

Patel, J. J.—41/Bom/79.

Patel, R. S.—35/Bom/79, 63/Bom/79 and 64/Bom/79.

Philpot, V. B.—181/Cal/79.

Pierre, V.—145/Cal/79.

Print-O-Best.—44/Bom/79.

(R)

Raghunath, L. (Mrs.).—34/Bom/79.

Rashinkar, K. N. (Mrs.) ...—46/Bom/79.

Rexor India Limited.—175/Cal/79, 176/Cal/79 and 177/Cal/79.

(S)

Saft-Societe Das Accumulateurs Fixes Et De Traction.—101/Del/79.

Saini, P. R.—42/Bom/79.

Sait, M. I.—32/Mas/79.

Sanghani, S. K. (Dr.).—50/Bom/79.

Sarkar, S. C.—129/Cal/79.

Sarma, D. S.—30/Mas/79.

Sarma, G. S. S.—34/Mas/79.

Schlumberger Technology Corporation.—179/Cal/79.

Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—114/Cal/79.

Sen, R.—133/Cal/79.

Sen, S.—120/Cal/79.

Sen, S. K.—134/Cal/79.

Sen, S. N.—106/Del/79 and 131/Del/79.

Sengupta, K. K.—146/Del/79.

Sharma, K. V.—25/Mas/79.

Sharma, O.P.—78/Del/79.

Shell Internationale Maatschappij B. V.—92/Del/79 and 145/Del/79.

Siemens Aktiengesellschaft.—124/Cal/79, 131/Cal/79, 142/Cal/79, 143/Cal/79, 160/Cal/79, 161/Cal/79 and 184/Cal/79.

Siren, M. J.—129/Del/79.

Sivaramakrishnan, R.—28/Mas/79 and 29/Mas/79.

Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S. p. a.—127/Cal/79, 150/Cal/79.

Societa Italiana Telecomunicazioni Siemens s.p.a.—137/Cal/79.

Societe De Paris Et Du Rhone.—93/Del/79.

Sonnberger, W. (Jr.).—105/Del/79.

Stamicarbon, B. V.—124/Del/79.

Standard Oil Company, The.—138/Del/79, 139/Del/79 and 140/Del/79.

Sudersanam, S.—26/Mar/79.

Suomen Laaketehdas OY Salco.—170/Cal/79.

Swiss Aluminium Ltd.—125/Cal/79.

(T)

Iata Engineering and Locomotive Company Limited.—55/Bom/79, 56/Bom/79 and 57/Bom/79.

Thagard, G. F. (Jr.).—125/Del/79.

Tikmani, R.—43/Bom/79

Tracel S.A.—130/Del/79

(U)

USM Corporation.—103/Del/79.

Union Carbide Corporation.—84/Del/79

Upjohn Company, The.—110/Cal/79.

(V)

Vazirani, V. F.—45/Bom/79.

Vostochny Nauchno-Issledovatel'sky proekhnny Institute Ogneupornoi Promyshlennosti.—185/Cal/79.

Vsesojuznoe Nauchno-proizvodstvennoe Obiedinenie Tsviljulozno-Bumazhnoi Promyshlennosti.—172/Cal/79.

(W)

Weer, S. S.—114/Del/79.

(Z)

Zellweger Uster Ltd.—105/Cal/79.

Zinn, R. C.—89/Del/79.

S. VEDARAMAN.
Controller-General of Patents, Designs and Trade Marks

